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*** YOU HAVE NEW MAIL ***

=> s oligonucleotide? (3a) synthesis
L1 28922 OLIGONUCLEOTIDE? (3A) SYNTHESIS

=> s l1 and phosphoramidite (3a) monomer? (7a) (fluorenylmethoxycarbonyl or fmoc)
L2 3 L1 AND PHOSPHORAMIDITE (3A) MONOMER? (7A) (FLUORENYLMETHOXYCARBO
NYL OR FMOC)

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 3 DUP REM L2 (0 DUPLICATES REMOVED)

=> d l3 bib abs 1-3

L3 ANSWER 1 OF 3 USPATFULL on STN
AN 2006:230180 USPATFULL
TI Functional biopolymer modification reagents and uses thereof
IN Schwartz, David A., 1544 Valleda La., Encinitas, CA, UNITED STATES
92024
Hogrefe, Richard I., 6045 Dirac St., San Diego, CA, UNITED STATES 92121
PI US 7102024 B1 20060905
AI US 2000-630060 20000801 (9)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Crane, L. E.
LREP David Waller & Assoc.
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN 23 Drawing Figure(s); 23 Drawing Page(s)
LN.CNT 3480

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Hydrazino, oxyamino and carbonyl-based reagents and methods for
incorporation into oligonucleotides during their solid phase
synthesis are provided. Modified oligonucleotides are
provided that incorporate the reagents provided here in. Immobilized
oligonucleotides and oligonucleotide conjugates that contain covalent
hydrazone or oxime linkages are provided. Methods for preparation of
surface bound oligonucleotides are provided. Methods for the preparation

of oligonucleotide conjugates are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 3 USPATFULL on STN
AN 2005:234348 USPATFULL
TI Functional biopolymer modification reagents and uses thereof
IN Schwartz, David A., Encinitas, CA, UNITED STATES
Hogrefe, Richard I., San Diego, CA, UNITED STATES
PI US 2005203289 A1 20050915
AI US 2004-936751 A1 20040908 (10)
RLI Division of Ser. No. US 2000-630060, filed on 1 Aug 2000, PENDING
Division of Ser. No. US 2001-815978, filed on 22 Mar 2001, GRANTED, Pat.
No. US 6800728
PRAI US 2000-191186P 20000322 (60)
DT Utility
FS APPLICATION
LREP David B. Waller, David B. Waller & Associates, 5677 Oberlin Drive, Suite
214, San Diego, CA, 92121, US
CLMN Number of Claims: 56
ECL Exemplary Claim: 1
DRWN 23 Drawing Page(s)
LN.CNT 3845

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Hydrazino, oxyamino and carbonyl-based reagents and methods for
incorporation into oligonucleotides during their solid phase
synthesis are provided. Modified oligonucleotides are
provided that incorporate the reagents provided herien. Immobilized
oligonucleotides and oligonucleotide conjugates that contain covalent
hydrazone or oxime linkages are provided. Methods for preparation of
surface bound oligonucleotides are provided. Methods for the preparation
of oligonucleotide conjugates are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 3 USPATFULL on STN
AN 2004:233284 USPATFULL
TI Compositions and methods for the use of Fmoc derivatives in DNA/RNA
synthesis
IN Alvarado, Gabriel, San Mateo, CA, UNITED STATES
PA SYNGEN, INC., San Carlos, CA (U.S. corporation)
PI US 2004180355 A1 20040916
AI US 2003-670015 A1 20030924 (10)
PRAI US 2002-414061P 20020927 (60)
DT Utility
FS APPLICATION
LREP Thomas W. Brown, MEDLEN & CARROLL, LLP, Suite 350, 101 Howard Street,
San Francisco, CA, 94105
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN 5 Drawing Page(s)
LN.CNT 1064

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods of nucleic acid preparation are described, including preparation
of mRNA, using Fmoc derivatives to synthesize oligonucleotides in
addition to applying Fmoc protocols to various therapeutic and
diagnostic methods. In some embodiments a single stranded
oligonucleotide is synthesized bound to a polymer support (such as optic
fiber glass filters) using said Fmoc derivatives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.